



Department of Energy
Berkeley Site Office
Lawrence Berkeley National Laboratory
1 Cyclotron Road, MS 90-1023
Berkeley, California 94720

Mr. David McGraw
Division Director
Environment, Health and Safety Division
Lawrence Berkeley National Laboratory
1 Cyclotron Road, MS #90-1140
Berkeley, CA 94720

Subject: Tritium Sampling and Analysis Plan for the Lawrence Berkeley National Laboratory

Reference: Environmental Protection Agency (EPA) Letter of May 4, 2001

Dear Mr. McGraw:

Enclosure (1) is the Environmental Protection Agency's (EPA's) concurrence on the Draft Quality Assurance Project Plan (QAPP) and the Draft Ambient Air Sampling Plan for Tritium for the Lawrence Berkeley National Laboratory (LBNL), both dated April 6, 2001. EPA's comments on the Draft Vegetation Sampling Plan will be provided under a separate cover.

LBNL has modified the QAPP and the Department of Energy (DOE) is satisfied that this change addresses EPA's comment. The Environmental Sampling Task Force has reviewed this sampling plan and their comments have been addressed. Therefore, DOE approves the Ambient Air sampling plan and the revised QAPP.

If you have any questions, please contact Carl Schwab at 510-486-4298.

Sincerely,

Richard H. Nolan
Director
Berkeley Site Office

Enclosure: 1) Environmental Protection Agency Letter of May 4, 2001

cc w/enclosure:

C. Schwab, OAK/BSO
H. Carwell, OAK/BSO
W. Yip, OAK/BSO
J. Cullen, OAK/EM
H. Patel, OAK/EM
J. Cummins, OAK/GLD
J. Parenti, OAK/GLD
D. McGraw, LBNL
G. Zeman, LBNL
I. Javandel, LBNL
N. Shepard, LBNL
S. Lasell, OAK/EHSD
S. Black, OAK/EHSD
R. Pauer, LBNL
R. McClure, LBNL
H. Tran, LBNL
M. Ruggieri, LBNL
C. Taberski, LBNL
P. Armstrong, EPA
M. Bandrowski, EPA
P. Wood, EPA
J. Eidelberg, EPA
J. Griggs, EPA
All Environmental Sampling Task Force Members



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

May 4, 2001

Carl Schwab
U.S. Department of Energy
Lawrence Berkeley National Laboratory
Berkeley Site Office
1 Cyclotron Road, MS-90-1023
Berkeley, CA 94720

Re: Lawrence Berkeley National Laboratory
EPA ID Number: CA4890008986

Dear Mr. Schwab:

We have reviewed the following documents for the Lawrence Berkeley National Laboratory (LBNL), dated April 6, 2001:

1. Draft Quality Assurance Project Plan (QAPP) for Tritium Sampling for LBNL; and
2. Draft Ambient Air Sampling Plan for Tritium for the LBNL Environmental Services Group.

Based on our review, these revised documents adequately address previous EPA comments made in our August 25, 1999 letter on the draft Tritium SAP (May 1999), with one exception:

[Analytical Laboratory] The Quality Control Section of the draft Ambient Air Sampling Plan discusses the use of Lawrence Livermore National Laboratory's Chemistry and Material Sciences's Environmental Services for split sample analyses; however, Table 3.6 of the draft QAPP is not consistent with this. Please add the necessary information to the draft QAPP.

We plan to provide our comments to you under separate cover for the draft Vegetation Sampling Plan for Tritium for the LBNL Environmental Services Group, dated April 6, 2001.

Should you have any questions pertaining to our comments, please contact me at (415)744-2349.

Sincerely,

Philip Armstrong

Federal Facilities Coordinator
Superfund Site Assessment Program

cc: Gene Bernardi, Committee to Minimize Toxic Waste
Pamela Sihvola, Committee to Minimize Toxic Waste
Janice Parenti, General Law Division, U.S. Department of Energy
Bernie Edrada, California Department of Toxic Substances Control
Sal Ciriello, California Department of Toxic Substances Control
Michael Rochette, California Regional Water Quality Control Board
Ed Bailey, California Department of Health Services
Steve Hsu, California Department of Health Services
Richard Nolan, U.S. Department of Energy
Hemant Patel, U.S. Department of Energy
Bernd Franke, IFEU
Nabil Al-Hadithy, City of Berkeley
Jeffrey Wong, California Department of Health Services
Paul Lavelly, University of California, Berkeley
Leroy Griffin, City of Oakland
Pratap Chatterjee, Community Environmental Advisory Commission
John Selawsky, Community Environmental Advisory Commission
Ron Pauer, LBNL
Iraj Javandel, LBNL
John Griggs, EPA
Joseph Eidelberg, EPA
Periann Wood, EPA
Shelly Rosenblum, EPA
Michael Bandrowski, EPA